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1	☒	☐	US 20020065884 A1	20020530	88
2	☒	☐	US 20020065466 A1	20020530	
3	☒	☐	US 20020062086 A1	20020523	
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9	☒	☐	US 20020028519 A1	20020307	
10	☒	☐	US 20020022894 A1	20020221	
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13	☒	☐	US 20020013664 A1	20020131	
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15	☒	☐	US 20020010562 A1	20020124	
16	☒	☐	US 20020001582 A1	20020103	
17	☒	☐	US 20010056359 A1	20011227	

	Title	Current OR	Current XRef
1	Relevance clause for computed relevance messaging	709/204	709/224
2	Method and apparatus for high-resolution detection and characterization of medical pathologies	600/447	
3	Method and apparatus for assessing hemodynamic parameters within the circulatory system of a living subject	600/483	600/449; 600/486; 600/490
4	Enhanced device alarms in a process control system	700/80	340/523
5	Density unevenness suppressing image forming apparatus and method	347/236	
6	Analyte assay using particulate labels	436/518	
7	Digital flowmeter	702/45	
8	Root cause diagnostics	700/29	
9	ANALYTE ASSAY USING PARTICULATE LABELS	436/518	
10	Enhanced fieldbus device alerts in a process control system	700/80	700/21
11	Digital flowmeter	702/45	
12	Method and apparatus for integrating manual input	345/173	
13	Rotating equipment diagnostic system and adaptive controller	702/34	
14	Apparatus and method for fuzzy analysis of statistical evidence	706/20	
15	Diagnostics in a process control system	702/183	
16	Methods and compositions for inhibiting microbial growth	424/94.6	424/130.1; 424/745; 514/749
17	System and method for communicating product recall information, product warnings or other product-related information to users of products	705/3	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Donoho, David Leigh et al.	☐	☐	☐	☐	☐	☐	☐
2		Rather, John D. G. et al.	☐	☐	☐	☐	☐	☐	☐
3		Miele, Frank R. et al.	☐	☐	☐	☐	☐	☐	☐
4		Havekost, Robert B.	☐	☐	☐	☐	☐	☐	☐
5		Masuda, Koji et al.	☐	☐	☐	☐	☐	☐	☐
6		Yguerabide, Juan et al.	☐	☐	☐	☐	☐	☐	☐
7		Henry, Manus P. et al.	☐	☐	☐	☐	☐	☐	☐
8		Eryurek, Evren et al.	☐	☐	☐	☐	☐	☐	☐
9		YGUERABIDE, JUAN et al.	☐	☐	☐	☐	☐	☐	☐
10		Eryurek, Evren et al.	☐	☐	☐	☐	☐	☐	☐
11		Henry, Manus P. et al.	☐	☐	☐	☐	☐	☐	☐
12		Westerman, Wayne et al.	☐	☐	☐	☐	☐	☐	☐
13		Strackeljan, Jens et al.	☐	☐	☐	☐	☐	☐	☐
14		Chen, Yuan Yan	☐	☐	☐	☐	☐	☐	☐
15		Schleiss, Trevor D. et al.	☐	☐	☐	☐	☐	☐	☐
16		Charter, Edward A. et al.	☐	☐	☐	☐	☐	☐	☐
17		Abreu, Marcio Marc	☐	☐	☐	☐	☐	☐	☐

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18	☒	☐	US 20010051966 A1	20011213	
19	☒	☐	US 20010047213 A1	20011129	
20	☒	☐	US 20010045134 A1	20011129	
21	☒	☐	US 20010042792 A1	20011122	
22	☒	☐	US 20010042104 A1	20011115	
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26	☒	☐	US 20010025175 A1	20010927	
27	☒	☐	US 20010023419 A1	20010920	
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30	☒	☐	US 20010014868 A1	20010816	
31	☒	☐	US 20010011414 A1	20010809	

	Title	Current OR	Current XRef
18	Apparatus, methods, and computer program products for accurately determining the coefficients of a function	708/270	
19	Remote web-based control	700/65	
20	Correcting for two-phase flow in a digital flowmeter	73/861.356	
21	Variable-air-volume diffuser, actuator assembly and method	236/49.3	454/256
22	Inspector for computed relevance messaging	709/207	370/260; 709/225
23	Method and apparatus for acquisition, monitoring, display and diagnosis of operational parameters of electrolysers	702/35	
24	Shape memory alloy actuated fluid control valve	251/129.04	
25	Method and system for identification of subterranean objects	342/22	342/25; 342/357.08; 342/53; 342/54
26	Expandable-collapsible electrode structures made of electrically conductive material	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99
27	METHOD FOR SELECTING MEDICAL AND BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS	706/15	
28	Process for analyzing pressure variation in a perfusion Apparatus comprising several units	604/500	604/151; 604/505
29	Methods for controlling a system in a vehicle using a transmitting/receiving transducer and/or while compensating for thermal gradients	280/735	180/273
30	SYSTEM FOR THE AUTOMATIC DETERMINATION OF CUSTOMIZED PRICES AND PROMOTIONS	705/14	705/10; 705/26
31	Shape memory alloy actuated fluid control valve	29/605	29/847

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
18		Pelton, Walter E. et al.	☐	☐	☐	☐	☐	☐	☐
19		Sepe, Raymond JR.	☐	☐	☐	☐	☐	☐	☐
20		Henry, Manus P. et al.	☐	☐	☐	☐	☐	☐	☐
21		Kline, James R. et al.	☐	☐	☐	☐	☐	☐	☐
22		Donoho, David Leigh et al.	☐	☐	☐	☐	☐	☐	☐
23		Tremblay, Gilles J. et al.	☐	☐	☐	☐	☐	☐	☐
24		Hines, Antonio et al.	☐	☐	☐	☐	☐	☐	☐
25		Miceli, Gilbert et al.	☐	☐	☐	☐	☐	☐	☐
26		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
27		LAPOINTE, JEROME et al.	☐	☐	☐	☐	☐	☐	☐
28		Wolff, Remi et al.	☐	☐	☐	☐	☐	☐	☐
29		Johnson, Wendell C. et al.	☐	☐	☐	☐	☐	☐	☐
30		HERZ, FREDERICK et al.	☐	☐	☐	☐	☐	☐	☐
31		Antonio, Hines et al.	☐	☐	☐	☐	☐	☐	☐

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35	☒	☐	US 6378315 B1	20020430	
36	☒	☐	US 6374173 B1	20020416	
37	☒	☐	US 6356936 B1	20020312	
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39	☒	☐	US 6349553 B1	20020226	
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41	☒	☐	US 6344232 B1	20020205	
42	☒	☐	US 6341256 B1	20020122	
43	☒	☐	US 6339767 B1	20020115	

	Title	Current OR	Current XRef
32	Point of care diagnostic systems	600/300	435/4; 436/814; 600/304; 600/310; 600/351; 600/573; 600/584
33	Endoglucanases	435/263	435/209; 435/277
34	Method and apparatus for high-resolution detection and characterization of medical pathologies	600/407	128/920; 128/924; 128/925; 600/437; 600/438; 600/442; 600/473; 600/476
35	Wireless method and apparatus for monitoring and controlling food temperature	62/80	236/51; 236/78D; 62/175
36	Terrain adaptive cruise control	701/93	180/170; 340/438; 701/65; 701/80
37	Relevance clause for computed relevance messaging	709/206	709/225
38	Rolling toy with motion recording and playback capability	434/365	434/258; 446/436; 446/456
39	Method and system for cooling electrical components	62/259.2	361/700; 62/480
40	Reconfigurable manufacturing system having a production capacity method for designing same and method for changing its production capacity	700/96	700/39; 700/94; 705/7; 714/712
41	Computer controlled temperature and oxygen maintenance for fiber coating CVD	427/8	427/255.24; 427/255.28; 427/255.5
42	Consensus configurational bias Monte Carlo method and system for pharmacophore structure determination	702/19	
43	Using hyperbolic trees to visualize data generated by patent-centric and group-oriented data processing	707/2	707/1; 707/100; 707/104.1; 707/526

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
32		Anderson, Emory V. et al.	☐	☐	☐	☐	☐	☐	☐
33		Schulein, Martin et al.	☐	☐	☐	☐	☐	☐	☐
34		Rather, John D. G. et al.	☐	☐	☐	☐	☐	☐	☐
35		Gelber, Scott Michael et al.	☐	☐	☐	☐	☐	☐	☐
36		Ehlbeck, James M.	☐	☐	☐	☐	☐	☐	☐
37		Donoho, David Leigh et al.	☐	☐	☐	☐	☐	☐	☐
38		Frei, Philipp A.	☐	☐	☐	☐	☐	☐	☐
39		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
40		Koren, Yoram et al.	☐	☐	☐	☐	☐	☐	☐
41		Jones, John G. et al.	☐	☐	☐	☐	☐	☐	☐
42		Deem, Michael W. et al.	☐	☐	☐	☐	☐	☐	☐
43		Rivette, Kevin G. et al.	☐	☐	☐	☐	☐	☐	☐
	Retrieval Classif	Inventor	S	C	P	2	3	4	5

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49	☒	☐	US 6301570 B1	20011009	
50	☒	☐	US 6301370 B1	20011009	
51	☒	☐	US 6298454 B1	20011002	
52	☒	☐	US 6289874 B1	20010918	
53	☒	☐	US 6276159 B1	20010821	
54	☒	☐	US 6272256 B1	20010807	
55	☒	☐	US 6267760 B1	20010731	
56	☒	☐	US 6267722 B1	20010731	
57	☒	☐	US 6266057 B1	20010724	

	Title	Current OR	Current XRef
44	Method and apparatus for fuzzy logic control with automatic tuning	700/50	700/30; 700/37; 700/38; 700/42; 706/900
45	Method and apparatus for integrating manual input	345/173	
46	Digital flowmeter	702/45	73/861.355; 73/861.356
47	Methods and apparatus for tumor diagnosis	600/437	600/443
48	Sailboat and crew performance optimization system	114/39.11	701/21
49	Programmable fuzzy analog processor	706/1	706/9
50	Face recognition from video images	382/103	342/90; 348/169; 382/117; 382/118; 382/190; 382/209; 382/276
51	Diagnostics in a process control system	714/37	714/46
52	Electronic throttle control	123/399	123/361
53	Sorption refrigeration appliance	62/331	62/497
54	Fast compression of periodic halftoned bitonal images	382/245	382/243
55	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and forming an incision in tissue with minimal blood loss	606/49	606/41
56	Point of care diagnostic systems	600/300	435/4; 436/811; 436/814; 600/304; 600/310; 600/345; 600/573; 600/584
57	Information processing system	345/745	345/156; 345/808; 345/839; 707/102; 707/501.1

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
44		Qin, S. Joe	☐	☐	☐	☐	☐	☐	☐
45		Westerman, Wayne et al.	☐	☐	☐	☐	☐	☐	☐
46		Henry, Manus P. et al.	☐	☐	☐	☐	☐	☐	☐
47		Cheng, Xiangyong et al.	☐	☐	☐	☐	☐	☐	☐
48		Gedeon, Steven A.	☐	☐	☐	☐	☐	☐	☐
49		Manaresi, Nicolo et al.	☐	☐	☐	☐	☐	☐	☐
50		Steffens, Johannes Bernhard et al.	☐	☐	☐	☐	☐	☐	☐
51		Schleiss, Trevor D. et al.	☐	☐	☐	☐	☐	☐	☐
52		Keefover, Robert D.	☐	☐	☐	☐	☐	☐	☐
53		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
54		Arps, Ronald Barthold et al.	☐	☐	☐	☐	☐	☐	☐
55		Swanson, David K.	☐	☐	☐	☐	☐	☐	☐
56		Anderson, Emory V. et al.	☐	☐	☐	☐	☐	☐	☐
57		Kuzunuki, Soshiro et al.	☐	☐	☐	☐	☐	☐	☐

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58	☒	☐	US 6264774 B1	20010724	
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61	☒	☐	US 6263260 B1	20010717	
62	☒	☐	US 6259222 B1	20010710	
63	☒	☐	US 6256664 B1	20010703	
64	☒	☐	US 6250560 B1	20010626	
65	☒	☐	US 6247678 B1	20010619	
66	☒	☐	US 6247128 B1	20010612	
67	☒	☐	US 6246355 B1	20010612	
68	☒	☐	US 6243694 B1	20010605	
69	☒	☐	US 6240207 B1	20010529	
70	☒	☐	US 6230152 B1	20010508	

	Title	Current OR	Current XRef
58	Card laminator with regulatory control	156/64	156/359; 156/384; 156/555
59	Sorber having flexible housing	62/480	62/497
60	Inspector for computed relevance messaging	709/207	709/206; 709/225
61	Home and building automation system	700/275	236/46R; 700/48
62	Device and method for regulating maximum loading on an electric motor in an aggregate feed replenishing system	318/571	241/35; 241/63; 318/39; 318/433; 318/671; 318/98
63	Method and apparatus for computed relevance messaging	709/204	709/206; 709/225
64	Variable-air-volume diffuser actuator assembly and method	236/49.3	165/217; 454/258
65	Shape memory alloy actuated fluid control valve	251/11	251/129.04; 60/527
66	Computer manufacturing with smart configuration methods	713/100	713/1; 713/201; 717/178
67	Radar cross-section measurement system for analysis of wooden structures	342/22	342/175; 342/195; 342/196; 342/25; 342/27; 342/357.01; 342/357.06; 342/52; 342/53; 342/54; 701/200; 701/207; 701/213
68	System and method for generating a fuel-optimal reference velocity profile for a rail-based transportation handling controller	706/4	
69	Handwriting input display apparatus having improved speed in changing display of entered handwriting	382/187	345/179; 345/863
70	Fuzzy controller for loop management operating system	706/45	370/230; 370/232; 706/4; 706/6

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
58		Lenz, Gary A. et al.	☐	☐	☐	☐	☐	☐	☐
59		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
60		Donoho, David Leigh et al.	☐	☐	☐	☐	☐	☐	☐
61		Bodmer, James et al.	☐	☐	☐	☐	☐	☐	☐
62		Kira, Alan K.	☐	☐	☐	☐	☐	☐	☐
63		Donoho, David Leigh et al.	☐	☐	☐	☐	☐	☐	☐
64		Kline, James R. et al.	☐	☐	☐	☐	☐	☐	☐
65		Hines, Antonio et al.	☐	☐	☐	☐	☐	☐	☐
66		Fisher, Jerald C. et al.	☐	☐	☐	☐	☐	☐	☐
67		Miceli, Gilbert F et al.	☐	☐	☐	☐	☐	☐	☐
68		Bonissone, Piero Patrone et al.	☐	☐	☐	☐	☐	☐	☐
69		Shinozuka, Hideaki et al.	☐	☐	☐	☐	☐	☐	☐
70		Barone, Joseph Michael	☐	☐	☐	☐	☐	☐	☐

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71	☒	☐	US 6214560 B1	20010410	
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73	☒	☐	US 6197021 B1	20010306	
74	☒	☐	US 6195626 B1	20010227	
75	☒	☐	US 6192325 B1	20010220	
76	☒	☐	US 6192283 B1	20010220	
77	☒	☐	US 6179835 B1	20010130	
78	☒	☐	US 6179618 B1	20010130	

	Title	Current OR	Current XRef
71	Analyte assay using particulate labels	435/7.1	422/50; 422/51; 422/73; 422/82.05; 422/82.06; 422/82.07; 435/5; 435/6; 435/7.21; 435/7.4; 435/7.92; 435/7.95; 436/500; 436/510; 436/517; 436/518; 436/525; 436/527; 536/24.3; 536/24.32; 536/24.33
72	Heightened realism for computer-controlled units in real-time activity simulation	703/8	434/14; 463/31; 463/54; 703/7
73	Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31	600/549; 606/42; 607/102
74	Heightened realism for computer-controlled units in real-time simulation	703/8	434/14; 463/50; 463/52; 703/7
75	Method and apparatus for establishing a predictive maintenance database	702/184	702/183; 702/185; 714/40; 714/5
76	Method and apparatus for adaptive control of a system or device	700/28	700/200; 700/34; 700/47
77	Expandable-collapsible electrode structures made of electrically conductive material	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99
78	Heightened realism for computer-controlled units in real-time activity simulation	434/30	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
71		Yguerabide, Juan et al.	☐	☐	☐	☐	☐	☐	☐
72		Stone, Jeremy D.	☐	☐	☐	☐	☐	☐	☐
73		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
74		Stone, Jeremy D.	☐	☐	☐	☐	☐	☐	☐
75		Piety, Kenneth R. et al.	☐	☐	☐	☐	☐	☐	☐
76		Holowko, Paul L.	☐	☐	☐	☐	☐	☐	☐
77		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
78		Stone, Jeremy D.	☐	☐	☐	☐	☐	☐	☐

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79	☒	☐	US 6171480 B1	20010109	
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82	☒	☐	US 6157894 A	20001205	
83	☒	☐	US 6154541 A	20001128	
84	☒	☐	US 6152920 A	20001128	
85	☒	☐	US 6150179 A	20001121	
86	☒	☐	US 6142994 A	20001107	
87	☒	☐	US 6131085 A	20001010	
88	☒	☐	US 6125650 A	20001003	
89	☒	☐	US 6121424 A	20000919	

	Title	Current OR	Current XRef
79	Automated closed recirculating aquaculture filtration system	210/85	210/143; 210/150; 210/275; 210/614; 210/617; 210/90; 210/96.1
80	3-brain architecture for an intelligent decision and control system	706/23	706/15; 706/16; 706/26; 706/27
81	Systems and methods for sensing temperature within the body	600/549	606/31; 606/42
82	Liquid gauging using sensor fusion and data fusion	702/54	702/141; 702/50; 702/55; 702/99; 73/290R; 73/292
83	Method and apparatus for a robust high-speed cryptosystem	380/28	380/287; 380/30; 380/44
84	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body	606/41	600/374; 600/393; 606/46; 606/47; 606/49; 607/99
85	Method of using solid state NMR to measure distances between nuclei in compounds attached to a surface	436/173	
86	Surgical method and apparatus for positioning a diagnostic a therapeutic element within the body	606/41	606/49; 607/99
87	Answer collection and retrieval system governed by a pay-off meter	705/1	705/400; 707/1; 707/3
88	Sorber having a cooling mechanism	62/480	62/481
89	Multivalent antigen-binding proteins	530/387.3	424/133.1; 424/134.1; 424/135.1; 424/136.1

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
79		Lee, Phillip G. et al.	☐	☐	☐	☐	☐	☐	☐
80		Werbos, Paul J.	☐	☐	☐	☐	☐	☐	☐
81		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
82		Hess, Robert Alan et al.	☐	☐	☐	☐	☐	☐	☐
83		Zhang, Jinglong F	☐	☐	☐	☐	☐	☐	☐
84		Thompson, Russell B. et al.	☐	☐	☐	☐	☐	☐	☐
85		Went, Gregory T.	☐	☐	☐	☐	☐	☐	☐
86		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
87		Rossides, Michael T	☐	☐	☐	☐	☐	☐	☐
88		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
89		Whitlow, Marc D. et al.	☐	☐	☐	☐	☐	☐	☐

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90	☒	☐	US 6120496 A	20000919	
91	☒	☐	US 6118474 A	20000912	
92	☒	☐	US 6116039 A	20000912	
93	☒	☐	US 6112517 A	20000905	
94	☒	☐	US 6110215 A	20000829	
95	☒	☐	US 6106785 A	20000822	
96	☒	☐	US 6103889 A	20000815	
97	☒	☐	US 6099526 A	20000808	
98	☒	☐	US 6082129 A	20000704	
99	☒	☐	US 6081750 A	20000627	
100	☒	☐	US 6078911 A	20000620	

	Title	Current OR	Current XRef
90	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and coupling device for use with same	606/1	128/DIG.26; 606/41
91	Omnidirectional imaging apparatus	348/36	359/366; 359/724; 359/725; 359/729; 359/731; 701/300
92	Cooling apparatus having integrated sorber-evaporator structure	62/259.2	361/200; 62/480
93	Plant control system	60/274	123/674; 123/679; 60/276; 60/285; 701/103; 701/109
94	Heightened realism for computer-controlled units in real-time activity simulation	703/6	463/23; 463/37; 463/49; 463/7; 463/9; 703/7; 703/8
95	Polymerization process controller	422/109	422/108; 422/110; 422/62
96	Nucleic acid molecules encoding single-chain antigen-binding proteins	536/23.53	424/133.1; 424/136.1; 530/387.3
97	Electrode structure including hydrophilic material	606/41	600/374; 607/105; 607/113; 607/122; 607/99
98	Sorption refrigeration appliance	62/331	62/238.3; 62/497
99	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	700/17	345/520; 700/11; 700/56; 700/83; 700/86
100	Compilation of rule bases for fuzzy logic control	706/52	706/46

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
90		Whayne, James G. et al.	☐	☐	☐	☐	☐	☐	☐
91		Nayar, Shree K.	☐	☐	☐	☐	☐	☐	☐
92		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
93		Yasui, Yuji et al.	☐	☐	☐	☐	☐	☐	☐
94		Stone, Jeremy D.	☐	☐	☐	☐	☐	☐	☐
95		Havlena, Vladimir et al.	☐	☐	☐	☐	☐	☐	☐
96		Whitlow, Marc D. et al.	☐	☐	☐	☐	☐	☐	☐
97		Whayne, James G. et al.	☐	☐	☐	☐	☐	☐	☐
98		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
99		Hoffberg, Steven Mark et al.	☐	☐	☐	☐	☐	☐	☐
100		Bonissone, Piero Patrone et al.	☐	☐	☐	☐	☐	☐	☐

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101	☒	☐	US 6078701 A	20000620	
102	☒	☐	US 6075770 A	20000613	
103	☒	☐	US 6074203 A	20000613	
104	☒	☐	US 6071281 A	20000606	
105	☒	☐	US 6071278 A	20000606	
106	☒	☐	US 6067534 A	20000523	
107	☒	☐	US 6062481 A	20000516	
108	☒	☐	US 6056745 A	20000502	
109	☒	☐	US 6055822 A	20000502	
110	☒	☐	US 6055524 A	20000425	

	Title	Current OR	Current XRef
101	Method and apparatus for performing local to global multiframe alignment to construct mosaic images	382/294	382/154; 382/284
102	Power spectrum-based connection admission control for ATM networks	370/395.21	370/252
103	Method for supplying gas to a chamber and method for regulating the content of a given element in the atmosphere of such a chamber	432/47	432/37; 432/38
104	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and remote power control unit for use with same	606/41	606/37; 606/42; 606/45; 606/51
105	Tissue heating and ablation systems and methods using porous electrode structures with specified electrical resistivities	606/34	606/41; 607/105; 607/113; 607/122; 607/99
106	Method and equipment for the control of a data transfer connection	706/2	706/3; 706/6
107	Optimal error-detecting, error-correcting and other coding and processing, particularly for bar codes, and applications therefor such as counterfeit detection	235/494	235/462.01
108	Systems and methods for obtaining desired lesion characteristics while ablating body tissue	606/42	606/31; 606/41; 607/102
109	Circuit-board mounted cooling apparatus for a computer	62/259.2	62/480; 62/497
110	Model-free adaptive process control	706/23	706/14; 706/15

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
101		Hsu, Stephen Charles et al.	☐	☐	☐	☐	☐	☐	☐
102		Chang, Chung-Ju et al.	☐	☐	☐	☐	☐	☐	☐
103		Leturmy, Marc et al.	☐	☐	☐	☐	☐	☐	☐
104		Burnside, Robert et al.	☐	☐	☐	☐	☐	☐	☐
105		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
106		Terho, Mikko et al.	☐	☐	☐	☐	☐	☐	☐
107		Storch, Leonard et al.	☐	☐	☐	☐	☐	☐	☐
108		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
109		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
110		Cheng, George Shu-Xing	☐	☐	☐	☐	☐	☐	☐

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111	☒	☐	US 6053912 A	20000425	
112	☒	☐	US 6047192 A	20000404	
113	☒	☐	US 6044661 A	20000404	
114	☒	☐	US 6043878 A	20000328	
115	☒	☐	US 6041856 A	20000328	
116	☒	☐	US 6038883 A	20000321	
117	☒	☐	US 6038878 A	20000321	
118	☒	☐	US 6035656 A	20000314	
119	☒	☐	US 6032477 A	20000307	
120	☒	☐	US 6032476 A	20000307	
121	☒	☐	US 6030379 A	20000229	
122	☒	☐	US 6029195 A	20000222	
123	☒	☐	US 6027725 A	20000222	

	Title	Current OR	Current XRef
111	Systems and methods for sensing sub-surface temperatures in body tissue during ablation with actively cooled electrodes	606/40	606/31; 606/34; 606/38; 606/42; 606/49; 607/102; 607/104; 607/105; 607/113; 607/99
112	Robust, efficient, localization system	455/456	342/450
113	Coaxial waveguide applicator for an electromagnetic wave-activated sorption system	62/480	62/497
114	Device for optical and electrochemical measurements in microliter size samples	356/246	
115	Real-time pump optimization system	166/53	417/15; 417/18; 417/212; 417/38; 417/63
116	Electromagnetic wave-activated sorption refrigeration system	62/480	62/148; 62/497
117	Method and apparatus for cooling electrical components	62/259.2	62/480; 62/497
118	Method and apparatus for cooling electrical components	62/259.2	62/480; 62/497
119	Method and apparatus for cooling electrical components	62/259.2	62/480; 62/515
120	Electronic device cooling apparatus	62/259.2	62/515
121	Systems and methods for seeking sub-surface temperature conditions during tissue ablation	606/34	606/38; 606/40; 607/102; 607/99
122	System for customized electronic identification of desirable objects	725/116	707/10; 725/93
123	Multivalent antigen-binding proteins	424/136.1	424/133.1; 424/134.1; 424/135.1; 530/387.3

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
111		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
112		Maloney, John E. et al.	☐	☐	☐	☐	☐	☐	☐
113		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
114		Gratzl, Miklos et al.	☐	☐	☐	☐	☐	☐	☐
115		Thrasher, William B. et al.	☐	☐	☐	☐	☐	☐	☐
116		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
117		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
118		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
119		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
120		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
121		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
122		Herz, Frederick S. M.	☐	☐	☐	☐	☐	☐	☐
123		Whitlow, Marc D. et al.	☐	☐	☐	☐	☐	☐	☐

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124	☒	☐	US 6025165 A	20000215	
125	☒	☐	US 6014473 A	20000111	
126	☒	☐	US 6010052 A	20000104	
127	☒	☐	US 6008618 A	19991228	
128	☒	☐	US 6005964 A	19991221	
129	☒	☐	US 6001639 A	19991214	
130	☒	☐	US 5999918 A	19991207	
131	☒	☐	US 5995868 A	19991130	
132	☒	☐	US 5995737 A	19991130	
133	☒	☐	US 5992168 A	19991130	

	Title	Current OR	Current XRef
124	Methods for producing multivalent antigen-binding proteins	435/69.6	424/133.1; 424/134.1; 424/135.1; 424/136.1; 435/252.3; 435/252.33; 435/451; 435/452; 435/455; 530/387.3; 536/23.53
125	Multiple ultrasound image registration system, method and transducer	382/294	348/169; 600/443; 600/459; 600/463
126	Yarn supply apparatus with electronic control	226/44	226/45; 242/365.7; 242/418.1; 66/146; 66/211
127	Zero speed start-up for a speed sensorless induction motor drive	318/811	318/800; 318/805; 318/808
128	Automatic machine vision microscope slide inspection system and method	382/133	378/42; 435/40.5; 436/172
129	Endoglucanases	435/263	435/209; 435/277; 510/320; 510/321
130	Interactive color confidence indicators for statistical data	705/36	702/179; 702/180; 702/181; 705/35
131	System for the prediction, rapid detection, warning, prevention, or control of changes in activity states in the brain of a subject	600/544	600/300; 600/545
132	System and method for tuning a rail-based transportation system speed controller	703/8	303/135; 700/46; 700/50; 701/20; 701/98; 703/2; 706/13
133	Circuit board having an integral sorber	62/259.2	361/689; 361/700; 62/480

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
124		Whitlow, Marc D. et al.	☐	☐	☐	☐	☐	☐	☐
125		Hossack, John A. et al.	☐	☐	☐	☐	☐	☐	☐
126		Leins, Eberhard et al.	☐	☐	☐	☐	☐	☐	☐
127		Bose, Bimal Kumar et al.	☐	☐	☐	☐	☐	☐	☐
128		Reid, John F. et al.	☐	☐	☐	☐	☐	☐	☐
129		Schulein, Martin et al.	☐	☐	☐	☐	☐	☐	☐
130		Williams, James Benjamin et al.	☐	☐	☐	☐	☐	☐	☐
131		Dorfmeister, Josef et al.	☐	☐	☐	☐	☐	☐	☐
132		Bonissone, Piero Patrone et al.	☐	☐	☐	☐	☐	☐	☐
133		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐

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134	☒	☐	US 5983144 A	19991109	
135	☒	☐	US 5980103 A	19991109	
136	☒	☐	US 5974521 A	19991026	
137	☒	☐	US 5968263 A	19991019	
138	☒	☐	US 5961831 A	19991005	
139	☒	☐	US 5961513 A	19991005	
140	☒	☐	US 5959726 A	19990928	
141	☒	☐	US 5956464 A	19990921	
142	☒	☐	US 5947370 A	19990907	
143	☒	☐	US 5946673 A	19990831	
144	☒	☐	US 5943663 A	19990824	
145	☒	☐	US 5943662 A	19990824	

	Title	Current OR	Current XRef
134	System and method for tuning look-ahead error measurements in a rail-based transportation handling controller	701/19	246/182R; 700/50; 701/20
135	Apparatus and method for testing thermal fatigue resistance	374/57	374/5; 73/865.6
136	Apparatus and method for signal processing	712/11	712/34; 712/35
137	Open-loop method and system for controlling growth of semiconductor crystal	117/14	117/15; 117/16; 117/30
138	Automated closed recirculating aquaculture filtration system and method	210/614	119/204; 119/227; 119/260; 210/169; 210/218; 210/631; 210/739; 210/806; 210/85; 210/94; 210/96.1
139	Tissue heating and ablation systems and methods using porous electrode structures	606/34	606/41; 607/105; 607/113; 607/122; 607/99
140	Modulation transfer function test compensation for test pattern duty cycle	356/124.5	
141	Fuzzy logic controlled endometrium ablator	706/4	604/514; 604/515; 706/5; 706/900
142	Apparatus and method for real time boiling point detection and control	236/20A	236/78D; 374/107; 374/27
143	Computer implemented machine learning and control system	706/13	700/246; 701/301
144	Data processing method and system utilizing parallel processing	706/45	706/10; 706/12; 706/14
145	Supporting method and system for process operation	706/23	706/12; 706/2; 706/25

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
134		Bonissone, Piero Patrone et al.	☐	☐	☐	☐	☐	☐	☐
135		Ikuno, Hajime et al.	☐	☐	☐	☐	☐	☐	☐
136		Akerib, Avidan	☐	☐	☐	☐	☐	☐	☐
137		Grover, Sunil et al.	☐	☐	☐	☐	☐	☐	☐
138		Lee, Phillip G. et al.	☐	☐	☐	☐	☐	☐	☐
139		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
140		Riley, James K. et al.	☐	☐	☐	☐	☐	☐	☐
141		Madni, Asad M. et al.	☐	☐	☐	☐	☐	☐	☐
142		Rona, Mehmet et al.	☐	☐	☐	☐	☐	☐	☐
143		Francone, Frank D. et al.	☐	☐	☐	☐	☐	☐	☐
144		Mouradian, Gary C.	☐	☐	☐	☐	☐	☐	☐
145		Baba, Kenji et al.	☐	☐	☐	☐	☐	☐	☐

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146	☒	☐	US 5941305 A	19990824	
147	☒	☐	US 5940081 A	19990817	
148	☒	☐	US 5939015 A	19990817	
149	☒	☐	US 5930136 A	19990727	
150	☒	☐	US 5925038 A	19990720	
151	☒	☐	US 5921099 A	19990713	
152	☒	☐	US 5920477 A	19990706	
153	☒	☐	US 5917912 A	19990629	
154	☒	☐	US 5917490 A	19990629	
155	☒	☐	US 5916259 A	19990629	
156	☒	☐	US 5906560 A	19990525	
157	☒	☐	US 5903454 A	19990511	

	Title	Current OR	Current XRef
146	Real-time pump optimization system	166/53	417/15; 417/18; 417/212; 417/38; 417/63
147	Method and apparatus for forming a font and the font produced method and apparatus for drawing a blurred figure	345/442	345/472.3; 345/619; 345/647
148	Centercore process for gas assisted injection molding	264/572	425/130
149	Control device for controlling a controlled apparatus, and a control method therefor	700/48	700/33; 700/50; 706/23; 706/900; 706/906
150	Expandable-collapsible electrode structures for capacitive coupling to tissue	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99
151	Air conditioner temperature control apparatus	62/228.4	236/78D; 700/50
152	Human factored interface incorporating adaptive pattern recognition based controller apparatus	382/181	382/190; 700/83
153	System and methods for secure transaction management and electronic rights protection	713/187	705/40; 709/312; 713/164
154	Interactive information processing system responsive to user manipulation of physical objects and displayed images	345/775	
155	Coaxial waveguide applicator for an electromagnetic wave-activated sorption system	62/480	62/497
156	Power train controller and control method	477/97	701/65; 701/87
157	Human-factored interface corporating adaptive pattern recognition based controller apparatus	700/83	382/155; 700/45; 700/86

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
146		Thrasher, William B. et al.	☐	☐	☐	☐	☐	☐	☐
147		Guo, Qinglian et al.	☐	☐	☐	☐	☐	☐	☐
148		Csongor, Desider G.	☐	☐	☐	☐	☐	☐	☐
149		Nakajima, Masaaki et al.	☐	☐	☐	☐	☐	☐	☐
150		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
151		Lee, Seon-Woo	☐	☐	☐	☐	☐	☐	☐
152		Hoffberg, Steven M. et al.	☐	☐	☐	☐	☐	☐	☐
153		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
154		Kuzunuki, Soshiro et al.	☐	☐	☐	☐	☐	☐	☐
155		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
156		Minowa, Toshimichi et al.	☐	☐	☐	☐	☐	☐	☐
157		Hoffberg, Linda Irene et al.	☐	☐	☐	☐	☐	☐	☐

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158	☒	☐	US 5901246 A	19990504	
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160	☒	☐	US 5891136 A	19990406	
161	☒	☐	US 5891135 A	19990406	
162	☒	☐	US 5879348 A	19990309	
163	☒	☐	US 5878151 A	19990302	
164	☒	☐	US 5875108 A	19990223	
165	☒	☐	US 5873258 A	19990223	
166	☒	☐	US 5871483 A	19990216	

	Title	Current OR	Current XRef
158	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	382/209	
159	Apparatus and method in which control rules can be changed during fuzzy reasoning operations and control system and method in which changeover is controlled by fuzzy reasoning	706/8	706/3; 706/4
160	Expandable-collapsible mesh electrode structures	606/41	600/374; 606/34; 607/122; 607/99
161	Stem elements for securing tubing and electrical wires to expandable-collapsible electrode structures	606/41	600/374; 604/103; 607/122; 607/99
162	Electrode structures formed from flexible, porous, or woven materials	606/41	600/374; 607/105; 607/113; 607/122; 607/99
163	Moving object tracking	382/103	348/125; 348/129; 348/169; 348/82; 348/83; 348/94; 348/95; 382/210; 382/260; 382/278; 382/293; 700/259; 700/260; 700/261
164	Ergonomic man-machine interface incorporating adaptive pattern recognition based control system	700/17	382/181; 382/190; 700/83
165	Sorption refrigeration appliance	62/331	62/238.3; 62/497
166	Folding electrode structures	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
158		Hoffberg, Steven M. et al.	☐	☐	☐	☐	☐	☐	☐
159		Nishidai, Hajime et al.	☐	☐	☐	☐	☐	☐	☐
160		McGee, David et al.	☐	☐	☐	☐	☐	☐	☐
161		Jackson, Jerome et al.	☐	☐	☐	☐	☐	☐	☐
162		Owens, Patrick M. et al.	☐	☐	☐	☐	☐	☐	☐
163		Tang, Qing et al.	☐	☐	☐	☐	☐	☐	☐
164		Hoffberg, Steven M. et al.	☐	☐	☐	☐	☐	☐	☐
165		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
166		Jackson, Jerome et al.	☐	☐	☐	☐	☐	☐	☐

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172	☒	☐	US 5855119 A	19990105	
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176	☒	☐	US 5846238 A	19981208	
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179	☒	☐	US 5840076 A	19981124	
180	☒	☐	US 5838882 A	19981117	

	Title	Current OR	Current XRef
167	Multivalent antigen-binding proteins	530/387.3	424/133.1; 424/134.1; 424/135.1; 424/136.1; 435/328; 435/69.6
168	Systems and methods to control tissue heating or ablation with porous electrode structures	606/34	606/41; 607/105; 607/113; 607/122; 607/99
169	Dance/multitude concurrent computation	709/201	
170	Intelligent optical disk drive control method	711/4	369/44.11
171	Morphological pattern recognition based controller system	700/83	382/190; 382/203; 382/209
172	Method and apparatus for cooling electrical components	62/259.2	361/700; 62/480
173	Enhanced electrical connections for electrode structures	606/41	600/374; 607/122; 607/99
174	Closed-loop textile dyeing process utilizing real-time metered dosing of dyes and chemicals	8/400	8/502; 8/673; 8/680; 8/924
175	Tissue heating and ablation systems and methods using segmented porous electrode structures	606/41	607/105; 607/113; 607/122; 607/99
176	Expandable-collapsible electrode structures with distal end steering or manipulation	606/41	600/374; 606/34; 607/122; 607/99
177	Supporting method and system for process operation	706/33	
178	Electromagnetic wave-activated sorption refrigeration system	62/480	62/148; 62/497
179	Tissue heating and ablation systems and methods using electrode structures with distally oriented porous regions	606/34	606/41; 607/105; 607/113; 607/122; 607/99
180	Dynamic position tracking and control of robots	700/259	700/260; 700/261; 901/30; 901/34; 901/47

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
167		Whitlow, Marc D. et al.	☐	☐	☐	☐	☐	☐	☐
168		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
169		Larson, Brian Ralph	☐	☐	☐	☐	☐	☐	☐
170		Tsai, Fang-Juh et al.	☐	☐	☐	☐	☐	☐	☐
171		Hoffberg, Steven M. et al.	☐	☐	☐	☐	☐	☐	☐
172		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
173		Whayne, James G. et al.	☐	☐	☐	☐	☐	☐	☐
174		McGregor, Ralph et al.	☐	☐	☐	☐	☐	☐	☐
175		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
176		Jackson, Jerome et al.	☐	☐	☐	☐	☐	☐	☐
177		Baba, Kenji et al.	☐	☐	☐	☐	☐	☐	☐
178		Pfister, Dennis M. et al.	☐	☐	☐	☐	☐	☐	☐
179		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
180		Gan, Zhongxue et al.	☐	☐	☐	☐	☐	☐	☐

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189	☒	☐	US 5810759 A	19980922	
190	☒	☐	US 5809322 A	19980915	
191	☒	☐	US 5804940 A	19980908	
192	☒	☐	US 5800432 A	19980901	
193	☒	☐	US 5798946 A	19980825	

	Title	Current OR	Current XRef
181	Modular time-varying two-dimensional filter	382/173	382/176; 382/260; 382/261
182	System for generation of object profiles for a system for customized electronic identification of desirable objects	345/810	725/14; 725/35; 725/46
183	Systems for heating and ablating tissue using multifunctional electrode structures	606/41	600/374; 607/105; 607/113; 607/122; 607/99
184	Process control system with asymptotic auto-tuning	700/37	700/39; 700/44; 700/46
185	Machining method using numerical control apparatus	700/173	700/182; 700/184
186	Laser-welding techniques using pre-heated tool and enlarged beam	219/121.6	219/121.63; 219/121.64
187	Handwriting recognition system and method	382/186	382/228
188	Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31	606/41; 607/101
189	Control system for regulating gas exchange in extracoporeal circulation	604/6.11	422/44; 604/26; 604/503; 604/6.14
190	Apparatus and method for signal processing	712/14	710/33; 712/19
191	Device designed to compensate for non-linearity of machine shafts	318/560	318/364; 318/568.18; 318/568.22; 318/569
192	Systems and methods for actively cooling ablation electrodes using diodes	606/49	600/549; 606/34; 606/41; 606/42; 607/102; 607/105; 607/20; 607/99
193	Signal processing system for combustion diagnostics	700/274	340/578; 431/12; 431/79; 702/183; 702/77

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
181		Schweid, Stuart A. et al.	☐	☐	☐	☐	☐	☐	☐
182		Herz, Frederick S. M. et al.	☐	☐	☐	☐	☐	☐	☐
183		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
184		Zou, Hehong et al.	☐	☐	☐	☐	☐	☐	☐
185		Hirai, Hayao et al.	☐	☐	☐	☐	☐	☐	☐
186		Kinsman, Kenneth Grant et al.	☐	☐	☐	☐	☐	☐	☐
187		Platt, John C. et al.	☐	☐	☐	☐	☐	☐	☐
188		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
189		Merz, Scott I.	☐	☐	☐	☐	☐	☐	☐
190		Akerib, Avidan	☐	☐	☐	☐	☐	☐	☐
191		Erkens, Friedrich et al.	☐	☐	☐	☐	☐	☐	☐
192		Swanson, David K.	☐	☐	☐	☐	☐	☐	☐
193		Khesin, Mark	☐	☐	☐	☐	☐	☐	☐

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199	☒	☐	US 5767648 A	19980616	
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203	☒	☐	US 5754939 A	19980519	

	Title	Current OR	Current XRef
194	Tissue heating and ablation systems and methods using porous electrode structures with electrically conductive surfaces	606/34	600/374; 606/41; 607/105; 607/113; 607/122; 607/99
195	Method of constructing and designing fuzzy controllers	706/1	706/52; 706/59; 706/900
196	Supporting neural network method for process operation	706/25	210/143; 210/614; 210/709; 210/739; 210/96.1; 706/23; 706/31; 706/903; 706/906
197	Human factored interface incorporating adaptive pattern recognition based controller apparatus	713/600	348/110; 348/27; 348/734; 712/240; 712/245
198	Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/42	606/31; 606/48; 607/101
199	Base force/torque sensor apparatus for the precise control of manipulators with joint friction and a method of use thereof	318/568.1	
200	System and method for distinguishing and characterizing motor vehicles for control of automatic drivers	701/29	701/27; 701/30; 73/116
201	Dynamically adaptive fuzzy interval controller	706/3	706/1; 706/900
202	Information recording and/or reproducing apparatus and method for performing recording and/or reproduction of information by using probe	369/126	250/306; 369/130
203	System for generation of user profiles for a system for customized electronic identification of desirable objects	455/3.04	707/501.1; 709/219; 725/34

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
194		Swanson, David K. et al.	☐	☐	☐	☐	☐	☐	☐
195		Kubica, Eric Gregory	☐	☐	☐	☐	☐	☐	☐
196		Baba, Kenji et al.	☐	☐	☐	☐	☐	☐	☐
197		Hoffberg, Steven M. et al.	☐	☐	☐	☐	☐	☐	☐
198		Panescu, Dorin Nmi et al.	☐	☐	☐	☐	☐	☐	☐
199		Morel, Guillaume et al.	☐	☐	☐	☐	☐	☐	☐
200		Tascillo, Anya Lynn et al.	☐	☐	☐	☐	☐	☐	☐
201		Wu, Kung Chris	☐	☐	☐	☐	☐	☐	☐
202		Shido, Shunichi et al.	☐	☐	☐	☐	☐	☐	☐
203		Herz, Frederick S. M. et al.	☐	☐	☐	☐	☐	☐	☐

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210	☒	☐	US 5732227 A	19980324	
211	☒	☐	US 5726880 A	19980310	
212	☒	☐	US 5719999 A	19980217	
213	☒	☐	US 5704200 A	19980106	

	Title	Current OR	Current XRef
204	Pseudonymous server for system for customized electronic identification of desirable objects	725/116	705/74; 707/6; 707/9; 709/219; 713/155; 725/1; 725/129; 725/25
205	On-line robot work-cell calibration	700/85	318/568.11; 324/220; 73/866.5; 901/23; 901/9
206	Fuzzy-logic classification system	706/52	706/1; 706/900
207	Method of adapting and applying control parameters in non-linear process controllers	700/50	700/41; 700/42; 706/900
208	Speech synthesis apparatus and method for causing a computer to perform speech synthesis by calculating product of parameters for a speech waveform and a read waveform generation matrix	704/268	704/266
209	Systems and methods for ablating body tissue using predicted maximum tissue temperature	606/41	606/31; 606/42; 607/102
210	Interactive information processing system responsive to user manipulation of physical objects and displayed images	345/775	
211	Method of and apparatus for controlling a process	700/72	700/37; 700/42; 706/52; 706/9; 706/900
212	Fuzzy control apparatus in which rules can be changed, method of operating same, control system in which changeover is controlled by fuzzy reasoning, and method of controlling the same	706/3	706/1; 706/46; 706/5; 706/60; 706/900
213	Agricultural harvester ground tracking control system and method using fuzzy logic	56/10.2E	56/208; 56/DIG.15

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
204		Herz, Frederick S. M. et al.	☐	☐	☐	☐	☐	☐	☐
205		Gan, Zhongxue et al.	☐	☐	☐	☐	☐	☐	☐
206		Mahler, Ronald P. S.	☐	☐	☐	☐	☐	☐	☐
207		Qin, S. Joe et al.	☐	☐	☐	☐	☐	☐	☐
208		Otsuka, Mitsuru et al.	☐	☐	☐	☐	☐	☐	☐
209		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
210		Kuzunuki, Soshiro et al.	☐	☐	☐	☐	☐	☐	☐
211		Bailey, Graham et al.	☐	☐	☐	☐	☐	☐	☐
212		Nishidai, Hajime et al.	☐	☐	☐	☐	☐	☐	☐
213		Chmielewski, Jr., Thomas A. et al.	☐	☐	☐	☐	☐	☐	☐

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226	☒	☐	US 5651100 A	19970722	

	Title	Current OR	Current XRef
214	Field based process control system with auto-tuning	700/37	700/42; 700/72
215	Systems and methods for sensing multiple temperature conditions during tissue ablation	606/41	606/31; 606/42; 606/45; 607/102; 607/122
216	Information processing apparatus for obtaining output data from plural sets of input and output data values	706/46	706/52; 706/903
217	Temperature control method for fixing device and fixing device and image forming apparatus using same temperature control method	219/497	219/216; 219/501; 219/505; 374/102
218	Method and apparatus for detecting and identifying faulty sensors in a process	714/799	702/116; 714/737
219	Intelligent servomechanism controller	318/561	318/274; 360/75; 360/78.09; 706/10; 706/23
220	Multiphase matter introduction with a plasticating screw arrangement	264/572	425/130
221	Method and apparatus for filtering out signal components from output signals of a differential dosing scale using a fuzzy logic filter	177/25.13	177/116; 177/25.19; 177/59; 222/55; 700/50; 706/900
222	Mobility assist for the paralyzed, amputeed and spastic person	607/49	607/48
223	Method and device for controlling the speed of an internal combustion engine during a deceleration phase	123/352	123/339.21; 123/361
224	Method and apparatus for real-time control of laser processing of materials	700/166	219/121.6; 706/900; 706/904
225	Fuzzy controller group control system	706/1	700/2; 706/10; 706/52; 706/900
226	Approximate reasoning apparatus	706/52	

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214		Zou, Hehong et al.	☐	☐	☐	☐	☐	☐	☐
215		Panescu, Dorin et al.	☐	☐	☐	☐	☐	☐	☐
216		Maeda, Akira et al.	☐	☐	☐	☐	☐	☐	☐
217		Suzuki, Takashi et al.	☐	☐	☐	☐	☐	☐	☐
218		Qin, S. Joe et al.	☐	☐	☐	☐	☐	☐	☐
219		Khan, Emdadur Rahman et al.	☐	☐	☐	☐	☐	☐	☐
220		Csongor, Desider G. et al.	☐	☐	☐	☐	☐	☐	☐
221		Wehhofer, Josef et al.	☐	☐	☐	☐	☐	☐	☐
222		Johnson, David C. et al.	☐	☐	☐	☐	☐	☐	☐
223		Aubourg, Alain Michel Jean et al.	☐	☐	☐	☐	☐	☐	☐
224		Duley, Walter W. et al.	☐	☐	☐	☐	☐	☐	☐
225		Tasaka, Yoshiro	☐	☐	☐	☐	☐	☐	☐
226		Hayashi, Motoji et al.	☐	☐	☐	☐	☐	☐	☐

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239	☒	☐	US 5588721 A	19961231	

	Title	Current OR	Current XRef
227	Method and device for controlling the idling speed of an internal combustion engine	123/339.23	
228	Portable RF ID tag and barcode reader	235/462.46	235/383; 235/472.02; 235/492; 235/493
229	Information processing apparatus and monitoring apparatus	706/45	706/46; 706/52; 706/903
230	Method of evaluating a set of linguistic rules	706/52	706/61
231	Apparatus and method for feedback adjusting machine working condition for improving dimensional accuracy of processed workpieces	700/193	702/97
232	Imaging system transfer function control method and apparatus	356/124.5	
233	Method for controlling an internal combustion engine as it enters low-idle speed	123/339.22	123/339.23
234	Air conditioner and control method for an air conditioner	62/89	236/78D; 454/258; 62/186
235	Learning controller with advantage updating algorithm	706/25	706/23
236	Fuzzy controller for an actuator and the controlling method thereof	360/78.04	318/561; 360/77.04; 360/78.06; 360/78.07; 700/69; 706/52; 706/900
237	Method and apparatus for recognizing gestures on a computer system	382/187	382/186; 382/202
238	Method and apparatus for recognizing gestures on a computer system	382/202	382/187; 382/203
239	Vibration analysis of the rotating wheel for controlling anti-lock braking operation	303/163	303/194

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
227		Cerf, Patrice et al.	☐	☐	☐	☐	☐	☐	☐
228		Ruppert, Jonathan Paul et al.	☐	☐	☐	☐	☐	☐	☐
229		Maeda, Akira et al.	☐	☐	☐	☐	☐	☐	☐
230		Jungst, Ernst-Werner et al.	☐	☐	☐	☐	☐	☐	☐
231		Kato, Chisato et al.	☐	☐	☐	☐	☐	☐	☐
232		Frost, Keith L. et al.	☐	☐	☐	☐	☐	☐	☐
233		Aubourg, Alain et al.	☐	☐	☐	☐	☐	☐	☐
234		Sato, Takashi et al.	☐	☐	☐	☐	☐	☐	☐
235		Baird, III, Leemon C.	☐	☐	☐	☐	☐	☐	☐
236		Choi, Hyun-Taek et al.	☐	☐	☐	☐	☐	☐	☐
237		Gourdol, Arnaud P. J.	☐	☐	☐	☐	☐	☐	☐
238		Gourdol, Arnaud P. J.	☐	☐	☐	☐	☐	☐	☐
239		Asano, Katsuhiro et al.	☐	☐	☐	☐	☐	☐	☐

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	Title	Current OR	Current XRef
240	Control system with neural network trained as general and local models	701/50	460/1; 700/30; 700/31; 706/23; 706/25; 706/904
241	Method and apparatus for flash correlation	382/212	382/218; 382/278
242	Method and apparatus for recognizing gestures on a computer system	382/187	345/179; 345/863; 382/173
243	Automatic train operation apparatus incorporating security function with improved reliability	701/79	
244	High performance fuzzy logic processing method	706/52	706/900
245	Variable horizon predictor for controlling dead time dominant processes, multivariable interactive processes, and processes with time variant dynamics	700/44	700/45; 700/72
246	Optical error-detecting, error-correcting and other coding and processing, particularly for bar codes, and applications therefor such as counterfeit detection	235/462.07	235/494
247	Control device for controlling a controlled apparatus, and a control method therefor	700/28	700/148; 706/23; 706/900; 706/906
248	Agricultural harvester with closed loop ground tracking control	56/10.2E	56/208
249	Method of control rule generation and method of fuzzy control using the same, and apparatus for automatic control rule generation and fuzzy control apparatus using the same	706/52	706/61; 706/900
250	Process for controlling rotary calcining kilns, and control system therefor	700/274	
251	Use of a mass spectrometer with secondary ionization for the inspection of containers	250/281	250/282; 250/288

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
240		Hall, James W.	☐	☐	☐	☐	☐	☐	☐
241		Prokoski, Francine J.	☐	☐	☐	☐	☐	☐	☐
242		Gourdol, Arnaud P. J.	☐	☐	☐	☐	☐	☐	☐
243		Saitoh, Hiroo	☐	☐	☐	☐	☐	☐	☐
244		Choi, Sung-kuk	☐	☐	☐	☐	☐	☐	☐
245		Wojsznis, Wilhelm K.	☐	☐	☐	☐	☐	☐	☐
246		Storch, Leonard et al.	☐	☐	☐	☐	☐	☐	☐
247		Nakajima, Masaaki et al.	☐	☐	☐	☐	☐	☐	☐
248		Chmielewski, Thomas A. et al.	☐	☐	☐	☐	☐	☐	☐
249		Yagi, Hiroyuki et al.	☐	☐	☐	☐	☐	☐	☐
250		Perron, Jean et al.	☐	☐	☐	☐	☐	☐	☐
251		Federer, Werner et al.	☐	☐	☐	☐	☐	☐	☐
			S	C	P	2	3	4	5

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252	☒	☐	US 5519605 A	19960521	
253	☒	☐	US 5517420 A	19960514	
254	☒	☐	US 5515477 A	19960507	
255	☒	☐	US 5515476 A	19960507	
256	☒	☐	US 5497331 A	19960305	
257	☒	☐	US 5487130 A	19960123	
258	☒	☐	US 5486998 A	19960123	
259	☒	☐	US 5485802 A	19960123	
260	☒	☐	US 5471381 A	19951128	
261	☒	☐	US 5463854 A	19951107	
262	☒	☐	US 5430642 A	19950704	
263	☒	☐	US 5425109 A	19950613	
264	☒	☐	US 5410470 A	19950425	
265	☒	☐	US 5410118 A	19950425	

	Title	Current OR	Current XRef
252	Model predictive control apparatus and method	700/31	700/45
253	Method and apparatus for real-time control of laser processing of materials	700/166	219/121.6; 706/900; 706/904
254	Neural networks	706/41	128/925; 706/16; 706/27
255	Fuzzy control apparatus in which rules can be changed, method of operating same, control system in which changeover is controlled by fuzzy reasoning, and method of controlling the same	706/3	706/52; 706/900
256	Semiconductor integrated circuit device fabrication method and its fabrication apparatus	700/121	702/84; 706/900; 706/904
257	Fuzzy rule acquisition method and apparatus for fuzzy inference system and fuzzy inference system using the apparatus	706/61	706/52; 706/59
258	Process stabilizing process controller	700/32	706/23
259	Method and apparatus for pulling monocrystals from a melt	117/14	117/18; 117/214
260	Intelligent servomechanism controller	700/48	706/906
261	Agricultural harvester with closed loop ground tracking control	56/10.2E	56/208
262	Control device for controlling a controlled apparatus, and a control method therefor	700/50	700/149
263	System for identifying freehand drawings	382/187	345/441; 382/159; 382/201
264	Process control method and system with employment of fuzzy inference	700/45	700/44; 706/900
265	Method and device for controlling a spark erosion machine	219/69.13	219/69.16; 219/69.17

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
252		Cawlfield, David W.	☐	☐	☐	☐	☐	☐	☐
253		Kinsman, Grant et al.	☐	☐	☐	☐	☐	☐	☐
254		Sutherland, John	☐	☐	☐	☐	☐	☐	☐
255		Nishidai, Hajime et al.	☐	☐	☐	☐	☐	☐	☐
256		Iriki, Nobuyuki et al.	☐	☐	☐	☐	☐	☐	☐
257		Ichimori, Toshihide et al.	☐	☐	☐	☐	☐	☐	☐
258		Corso, Ronald	☐	☐	☐	☐	☐	☐	☐
259		Altekruger, Burkhard et al.	☐	☐	☐	☐	☐	☐	☐
260		Khan, Emdadur R.	☐	☐	☐	☐	☐	☐	☐
261		Chmielewski, Jr., Thomas A. et al.	☐	☐	☐	☐	☐	☐	☐
262		Nakajima, Masaaki et al.	☐	☐	☐	☐	☐	☐	☐
263		Saga, Sato et al.	☐	☐	☐	☐	☐	☐	☐
264		Yamaoka, Hiromasa et al.	☐	☐	☐	☐	☐	☐	☐
265		Boccadoro, Marco	☐	☐	☐	☐	☐	☐	☐

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266	☒	☐	US 5404289 A	19950404	
267	☒	☐	US 5394678 A	19950307	
268	☒	☐	US 5376770 A	19941227	
269	☒	☐	US 5344070 A	19940906	
270	☒	☐	US 5341323 A	19940823	
271	☒	☐	US 5331565 A	19940719	
272	☒	☐	US 5321621 A	19940614	
273	☒	☐	US 5305424 A	19940419	
274	☒	☐	US 5303385 A	19940412	
275	☒	☐	US 5288938 A	19940222	
276	☒	☐	US 5285378 A	19940208	
277	☒	☐	US 5272428 A	19931221	
278	☒	☐	US 5267348 A	19931130	
279	☒	☐	US 5259063 A	19931102	

	Title	Current OR	Current XRef
266	Controller apparatus having improved transient response speed by means of self-tuning variable set point weighting	700/55	700/42
267	Electronic control for turf maintenance vehicle	56/10.2H	56/294; 56/7; 56/DIG.2
268	Process and device for machining workpieces by means of a laser beam	219/121.83	219/121.69; 219/121.71; 219/121.85
269	Computer-controlled automotive air conditioning system with fuzzy inference	236/49.3	236/78D; 706/52; 706/900
270	Fuzzy membership function circuit	708/801	706/12; 706/6; 706/900
271	Control system having optimality decision means	700/28	706/900
272	Method of optimizing the control of looms for improving the economic efficiency of a weaving mill	700/140	139/1R
273	Data forming method for a multi-stage fuzzy processing system	706/52	706/1; 706/10; 706/900
274	Control system having optimality decision means	700/50	706/10; 706/2; 706/20; 706/3; 706/52; 706/900; 706/906
275	Method and apparatus for controlling electronic tone generation in accordance with a detected type of performance gesture	84/600	84/658; 84/723; 84/734; 84/742; 84/743
276	Apparatus for and method of automatically tuning and setting control parameters for a numerical control unit	700/37	700/173
277	Fuzzy logic integrated control method and apparatus to improve motor efficiency	318/803	318/807; 318/811; 701/110
278	Method and system for evaluating and modifying fuzzy knowledge	706/52	706/60; 706/900; 706/926
279	Reconfigurable fuzzy cell	706/4	706/900

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
266		Hang, Chang C. et al.	☐	☐	☐	☐	☐	☐	☐
267		Lonn, Dana R. et al.	☐	☐	☐	☐	☐	☐	☐
268		Kuhl, Michael et al.	☐	☐	☐	☐	☐	☐	☐
269		Akasaka, Hitoshi et al.	☐	☐	☐	☐	☐	☐	☐
270		Yamakawa, Takeshi	☐	☐	☐	☐	☐	☐	☐
271		Hattori, Satoshi et al.	☐	☐	☐	☐	☐	☐	☐
272		Sainen, Tsutomu	☐	☐	☐	☐	☐	☐	☐
273		Ma, Xiwen et al.	☐	☐	☐	☐	☐	☐	☐
274		Hattori, Satoshi et al.	☐	☐	☐	☐	☐	☐	☐
275		Wheaton, James A.	☐	☐	☐	☐	☐	☐	☐
276		Matsumoto, Kouki	☐	☐	☐	☐	☐	☐	☐
277		Spiegel, Ronald J. et al.	☐	☐	☐	☐	☐	☐	☐
278		Someya, Ryuko et al.	☐	☐	☐	☐	☐	☐	☐
279		Salazar, George A.	☐	☐	☐	☐	☐	☐	☐

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284	☒	☐	US 5214745 A	19930525	
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289	☒	☐	US 5173224 A	19921222	
290	☒	☐	US 5170935 A	19921215	

	Title	Current OR	Current XRef
280	Fuzzy inference apparatus with membership function adjustment	706/12	706/52; 706/900
281	Two degrees of freedom type control system	700/41	318/561; 318/609; 700/37; 700/38; 706/52; 706/900; 706/903
282	Process control apparatus and method for adjustment of operating parameters of controller of the process control apparatus	700/41	318/561; 700/37; 700/42; 706/900
283	Operating method and adjusting device in fuzzy control apparatus	706/52	700/29; 706/900; 706/906
284	Artificial neural device utilizing phase orientation in the complex number domain to encode and decode stimulus response patterns	706/17	706/25; 706/26
285	Gain adjusting device for PID controller for controlling rotational speed of internal combustion engine	123/352	123/339.21; 123/361; 706/10; 706/52; 706/900; 706/905; 706/906
286	Access method of actuator and control apparatus therefor	318/568.22	318/568.11; 318/574; 700/193; 706/1; 706/900; 706/904; 901/9
287	Programmable fuzzy logic circuits	706/4	706/900
288	Wordspotting for voice editing and indexing	704/256	704/243; 704/248
289	Fuzzy inference thermocontrol method for an injection molding machine with a PID control	264/40.6	264/328.14; 425/144; 700/202; 706/900
290	Adaptable control of HVAC systems	236/44C	236/91C; 236/94; 700/276; 700/31

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
280		Nomura, Hiroyoshi et al.	☐	☐	☐	☐	☐	☐	☐
281		Hiroi, Kazuo	☐	☐	☐	☐	☐	☐	☐
282		Saito, Tadayoshi et al.	☐	☐	☐	☐	☐	☐	☐
283		Ueda, Tamio	☐	☐	☐	☐	☐	☐	☐
284		Sutherland, John G.	☐	☐	☐	☐	☐	☐	☐
285		Nishizawa, Hiroyuki et al.	☐	☐	☐	☐	☐	☐	☐
286		Yoshida, Shuichi et al.	☐	☐	☐	☐	☐	☐	☐
287		Mihara, Tohru et al.	☐	☐	☐	☐	☐	☐	☐
288		Wilcox, Lynn D. et al.	☐	☐	☐	☐	☐	☐	☐
289		Nakamura, Nobuyuki et al.	☐	☐	☐	☐	☐	☐	☐
290		Federspiel, Clifford C. et al.	☐	☐	☐	☐	☐	☐	☐

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293	☒	☐	US 5149472 A	19920922	
294	☒	☐	US 5148977 A	19920922	
295	☒	☐	US 5148385 A	19920915	
296	☒	☐	US 5142664 A	19920825	
297	☒	☐	US 5140669 A	19920818	
298	☒	☐	US 5135688 A	19920804	
299	☒	☐	US 5127063 A	19920630	
300	☒	☐	US 5126600 A	19920630	
301	☒	☐	US 5121467 A	19920609	
302	☒	☐	US 5121466 A	19920609	
303	☒	☐	US 5113366 A	19920512	
304	☒	☐	US 5073863 A	19911217	

	Title	Current OR	Current XRef
291	System for switching a rule group	706/50	706/47; 706/52; 706/900; 706/904; 706/905; 706/906
292	Programmable logic circuit with delayed input and feeback	700/11	706/900
293	Fuzzy inference thermocontrol method for an injection molding machine	264/40.6	264/328.14; 425/144; 700/202; 706/900
294	Control system for air-conductioner	236/49.3	236/78D; 374/132; 700/8; 706/52; 706/900; 706/906
295	Serial systolic processor	708/426	706/41; 708/522
296	Processing unit using truth-valued flow	706/4	706/900
297	Truth-valued-flow inference unit	706/4	706/900
298	Fuzzy inference thermocontrol method for an injection molding machine with a plurality of means for heating or cooling	264/40.6	264/328.14; 425/144; 700/202; 706/900
299	Processor for pattern data, measured process information, and image information	382/141	318/596; 382/205; 706/900
300	Truth value generating basic circuit suitable for analog inputs	326/35	326/59; 706/1; 706/7; 706/900; 708/801
301	Neural network/expert system process control system and method	706/10	706/23; 706/25; 706/906
302	Processing unit using truth-valued flow	706/4	706/52; 706/900
303	Fuzzy membership function circuit	706/6	706/900; 708/801
304	Truth value converter	708/200	706/1; 706/900

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
291		Hisano, Atsushi	☐	☐	☐	☐	☐	☐	☐
292		Yubazaki, Naoyoshi et al.	☐	☐	☐	☐	☐	☐	☐
293		Suganuma, Masashi	☐	☐	☐	☐	☐	☐	☐
294		Hibino, Yozo et al.	☐	☐	☐	☐	☐	☐	☐
295		Frazier, Gary A.	☐	☐	☐	☐	☐	☐	☐
296		Zhang, Hongmin	☐	☐	☐	☐	☐	☐	☐
297		Zhang, Hongmin	☐	☐	☐	☐	☐	☐	☐
298		Nakamura, Nobuyuki et al.	☐	☐	☐	☐	☐	☐	☐
299		Nishiya, Takushi et al.	☐	☐	☐	☐	☐	☐	☐
300		Zhang, Hongmin	☐	☐	☐	☐	☐	☐	☐
301		Skeirik, Richard D.	☐	☐	☐	☐	☐	☐	☐
302		Zhang, Hongmin	☐	☐	☐	☐	☐	☐	☐
303		Yamakawa, Takeshi	☐	☐	☐	☐	☐	☐	☐
304		Zhang, Hongmin	☐	☐	☐	☐	☐	☐	☐

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316	☒	☐	US 4805107 A	19890214	
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	Title	Current OR	Current XRef
305	Self-propagating control apparatus and method, propagating-type controller used by said apparatus, method of operating and controlling same, and supervisor	700/40	700/42
306	Operations controller for a fault tolerant multiple node processing system	714/45	709/100; 709/102; 709/310; 714/48
307	Voter subsystem for a fault tolerant multiple node processing system	714/797	708/445
308	Single chip integrated circuit computer architecture	712/32	968/900; 968/DIG.1
309	Operations controller for a fault tolerant multiple node processing system	714/10	714/15
310	Electric air-fuel ratio control apparatus for use in internal combustion engine	123/696	123/703
311	Operations controller for a fault tolerant multiple node processing system	714/4	709/248; 714/12; 714/797
312	Pid controller system	700/37	700/42; 706/900
313	Method and apparatus for measuring jitter in a periodic signal	702/72	324/76.77; 324/76.82; 375/371
314	Fuzzy membership function circuit	708/801	326/35; 706/900
315	Synchronizer for a fault tolerant multiple node processing system	709/248	
316	Task scheduler for a fault tolerant multiple node processing system	714/4	709/103; 709/310; 714/15
317	Coded imaging systems	378/2	250/363.01; 250/363.06; 250/368; 378/145

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
305		Araki, Mitsuhiko	☐	☐	☐	☐	☐	☐	☐
306		Walter, Chris J. et al.	☐	☐	☐	☐	☐	☐	☐
307		Walter, Chris J. et al.	☐	☐	☐	☐	☐	☐	☐
308		Hyatt, Gilbert P.	☐	☐	☐	☐	☐	☐	☐
309		Walter, Chris J. et al.	☐	☐	☐	☐	☐	☐	☐
310		Nakaniwa, Shimpei et al.	☐	☐	☐	☐	☐	☐	☐
311		Walter, Chris J. et al.	☐	☐	☐	☐	☐	☐	☐
312		Saito, Tadayoshi et al.	☐	☐	☐	☐	☐	☐	☐
313		Jenq, Yih-Chyun et al.	☐	☐	☐	☐	☐	☐	☐
314		Yamakawa, Takeshi	☐	☐	☐	☐	☐	☐	☐
315		Finn, Alan M. et al.	☐	☐	☐	☐	☐	☐	☐
316		Kieckhafer, Roger M. et al.	☐	☐	☐	☐	☐	☐	☐
317		Stoner, William W. et al.	☐	☐	☐	☐	☐	☐	☐

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